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PCT-Application No.: PCT/EP03/06528

Applicant: LEK Pharmaceuticals d.d.

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**New claims 1 to 15**

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10 1. A rapidly disintegrating tablet containing:  
amoxicillin and clavulanic acid silicified microcrystalline  
cellulose as the disintegrant and optional excipients.

15 2. The rapidly disintegrating tablet according to claim  
1, wherein the amoxicillin is in the form of amoxicillin  
trihydrate.

20 3. The rapidly disintegrating tablet according to claim  
1, wherein the clavulanic acid is in the form of potassium  
clavulanate.

25 4. The rapidly disintegrating tablet according to any of  
claims 1 to 3, wherein the ratio of amoxicillin to  
clavulanic acid is in the range of 2:1 to 30:1.

5. The rapidly disintegrating tablet according to any of  
claims 1 to 3, wherein the ratio of amoxicillin to  
clavulanic acid is 4:1.

30 6. The rapidly disintegrating tablet according to any of  
claims 1 to 3, wherein the ratio of amoxicillin to  
clavulanic acid is 7:1.

35 7. The rapidly disintegrating tablet according to claim  
1, wherein the proportion of the active substance in the  
tablet is 5 to 70% by weight of the tablet.

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8. The rapidly disintegrating tablet according to claim 1, wherein the ratio of amoxicillin and clavulanic acid to the silicified microcrystalline cellulose is 0.5:1 to  
5 2.5:1.

9. The rapidly disintegrating tablet according to claim 1, wherein the proportion of silicified microcrystalline cellulose is 30 to 95% by weight.

10. 10. The rapidly disintegrating tablet according to claim 1, wherein hydrogenated castor oil is contained as a lubricant.

15 11. Use of the rapidly disintegrating tablet according to any of the preceding claims as an orodispersible tablet or as a dispersible tablet.

20 12. Use of the rapidly disintegrating tablet according to any of claims 1 to 10 in the manufacture of a medicament for the treatment of pediatric patients.

25 13. A tablet according to claims 1 to 10, which is orodispersible.

14. A tablet according to claims 1 to 10 which is dispersible.

30 15. A process for the manufacture of a rapidly disintegrating tablet according to claim 1 comprising the steps of:

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3/3

- blending amoxicillin, clavulanic acid, silicified microcrystalline cellulose as the disintegrant and optional excipients;
- homogenizing the obtained mixture;
- 5 • sieving the homogenized mixture; and
- forming tablets therefrom.

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